

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**DECLARATION AND POWER OF ATTORNEY**

ATTORNEY'S DOCKET  
NO.  
**2345/45**

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am an original, first, and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled **METHOD AND DEVICE FOR LOADING INPUT DATA INTO AN ALGORITHM WHEN PERFORMING AN AUTHENTICATION**, the specification of which was filed as International Application No. PCT/EP97/02894 on June 4, 1997.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

**PRIOR FOREIGN APPLICATION(S)**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. § 119
<b>GERMANY</b>	<b>196 22 533.7</b>	<b>5 June 1996</b>		<b>YES</b>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys:

**Richard L. Mayer (Reg. No. 22,490)**

**William C. Gehris (Reg. No. 38,156)**

**Erik R. Swanson (Reg. No. 40,833)**

SEND CORRESPONDENCE, AND DIRECT TELEPHONE CALLS TO:

**Richard L. Mayer**  
**KENYON & KENYON**  
**One Broadway**  
**New York, New York 10004**  
**(212) 425-7200 (phone)**  
**(212) 425-5288 (facsimile)**

EL 179958567US

I declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	FAMILY NAME <b>SCHAEFER-LORINSER</b>	FIRST GIVEN NAME <b>Frank</b>	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY <b>D-64372 Ober-Ramstadt</b>	STATE OR FOREIGN COUNTRY <b>Germany</b>	COUNTRY OF CITIZENSHIP <b>Germany</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>Potsdamer Str. 88</b>	CITY <b>D-64372 Ober-Ramstadt</b>	STATE & ZIP CODE/COUNTRY <b>Germany</b>
Signature <i>Frank Schaefer-Lorinser</i>		Date <i>12. april 1999</i>	
FULL NAME OF INVENTOR	FAMILY NAME <b>SCHEERHORN</b>	FIRST GIVEN NAME <b>Alfred</b>	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY <b>D-49716 Meppen</b>	STATE OR FOREIGN COUNTRY <b>Germany</b>	COUNTRY OF CITIZENSHIP <b>Germany</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>Ahornallee 3</b>	CITY <b>D-49716 Meppen</b>	STATE & ZIP CODE/COUNTRY <b>Germany</b>
Signature		Date	

I declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR	FAMILY NAME <b>SCHAEFER-LORINSER</b>	FIRST GIVEN NAME <b>Frank</b>	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY <b>D-64372 Ober-Ramstadt</b>	STATE OR FOREIGN COUNTRY <b>Germany</b>	COUNTRY OF CITIZENSHIP <b>Germany</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>Potsdamer Str. 88</b>	CITY <b>D-64372 Ober-Ramstadt</b>	STATE & ZIP CODE/COUNTRY <b>Germany</b>
Signature		Date	
FULL NAME OF INVENTOR	FAMILY NAME <b>SCHEERHORN</b>	FIRST GIVEN NAME <b>Alfred</b>	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY <b>D-49716 Meppen</b>	STATE OR FOREIGN COUNTRY <b>Germany</b>	COUNTRY OF CITIZENSHIP <b>Germany</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>Ahornallee 3</b>	CITY <b>D-49716 Meppen</b>	STATE & ZIP CODE/COUNTRY <b>Germany</b>
Signature <i>Alfred Scheerhorn</i>		Date <i>03.04.1999</i>	

FORM PTO-1585

PTO/PCT Rec'd 25 AUG 1999

## CORDINATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

AID  
09/202024

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Frank SCHAEFER-LORINER  
Alfred SCHEERHORN

Additional name(s) of conveying parties attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution dates: April 12, 1999; April 3, 1999

## 2. Name and address of receiving party(ies)

Name: Deutsche Telekom AG

Internal Address: \_\_\_\_\_

Street Address: Friedrich-Ebert-Allee 140City: 53113 BonnState: Federal Republic of Germany

ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application numbers or patent numbers:

Date application executed:

A. Patent Application: 09/202,024

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. MayerInternal Address: KENYON & KENYONStreet Address: One BroadwayCity: New York State: New York ZIP: 10004

## 6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) ..... \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

10/ 8/1999 WCLAYBRO 00000080 110600 09202024

02 C:581 40.00 CH

## DO NOT USE THIS SPACE

9. Statement and signature. *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Richard L. Mayer (Reg. No. 22,490)

Name of Person Signing

Richard L. Mayer 8/25/99

Signature

Date

Total Number of pages including cover sheet, attachments and document: 5

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Patents  
 Box Assignments  
 Washington DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for review and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Trademark Office, Office of Information Systems, PK2-1000C, Washington D.C. 20231, and to the Office of Management and Budget, Paperwork (0605-0011), Washington, D.C. 20503

EL 179958067 US

**ASSIGNMENT**

WHEREAS, we,

**Frank SCHAEFER-LORINSER**  
**Potsdamer Str. 88**  
**D-64372 Ober-Ramstadt**  
**Germany**  
**Citizenship: German**

and

**Alfred SCHEERHORN**  
**Ahornalle 3**  
**D-49716 Meppen**  
**Germany**  
**Citizenship: German**

have made new and useful improvements in the invention entitled, **METHOD AND DEVICE FOR LOADING INPUT DATA INTO AN ALGORITHM WHEN PERFORMING AN AUTHENTICATION**, for which an application for Letters Patent is filed herewith, and

WHEREAS **Deutsche Telekom AG**, having a place of business at **Friedrich-Ebert-Allee 140, 53113 Bonn, Germany**, who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and

EL 179958567US

discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
12th day of April, 1999.

Frank Schaefer-Lorinser  
Frank SCHAEFER-LORINSER

WITNESSED BY:

Ga Saar  
Name

Gräfenhäuser Str. 26  
64293 Darmstadt  
Address

WITNESSED BY:

Dr. Friedrich Tönning  
Name

Am Tanzenbrunnen 19  
64739 Höchst  
Address

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
3rd day of April, 1999.

  
Alfred SCHEERHORN

WITNESSED BY:

Petra Kuhl  
Name  
Nee landskr. 67  
49716 Meppen  
Address



WITNESSED BY:

Gudrun Scheerhorn  
Name  
Nodland str. 68  
49716 Meppen  
Address

